

>  
<110> Yue, Henry  
Lasek, Amy W.  
Baughn, Mariah R.

<120> INTELECTIN

<130> PC-0027 US

<140> To Be Assigned  
<141> Herewith

<160> 9

<170> PERL Program

<210> 1

<211> 325

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 2921920CD1

<400> 1

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Phe	Phe	Ser	Val	Ala	Thr	Ser	Gly	Cys	Ser	Ala	Ala	Ala	Ala	Ser	
					20				25					30	
Ser	Leu	Glu	Met	Leu	Ser	Arg	Glu	Phe	Glu	Thr	Cys	Ala	Phe	Ser	
					35				40					45	
Phe	Ser	Ser	Leu	Pro	Arg	Ser	Cys	Lys	Glu	Ile	Lys	Glu	Arg	Cys	
					50				55					60	
His	Ser	Ala	Gly	Asp	Gly	Leu	Tyr	Phe	Leu	Arg	Thr	Lys	Asn	Gly	
					65				70					75	
Val	Val	Tyr	Gln	Thr	Phe	Cys	Asp	Met	Thr	Ser	Gly	Gly	Gly		
					80				85					90	
Trp	Thr	Leu	Val	Ala	Ser	Val	His	Glu	Asn	Asp	Met	His	Gly	Lys	
					95				100					105	
Cys	Thr	Val	Gly	Asp	Arg	Trp	Ser	Ser	Gln	Gln	Gly	Asn	Lys	Ala	
					110				115					120	
Asp	Tyr	Pro	Glu	Gly	Asp	Gly	Asn	Trp	Ala	Asn	Tyr	Asn	Thr	Phe	
					125				130					135	
Gly	Ser	Ala	Glu	Ala	Ala	Thr	Ser	Asp	Asp	Tyr	Lys	Asn	Pro	Gly	
					140				145					150	
Tyr	Tyr	Asp	Ile	Gln	Ala	Lys	Asp	Leu	Gly	Ile	Trp	His	Val	Pro	
					155				160					165	
Asn	Lys	Ser	Pro	Met	Gln	His	Trp	Arg	Asn	Ser	Ala	Leu	Leu	Arg	
					170				175					180	
Tyr	Arg	Thr	Asn	Thr	Gly	Phe	Leu	Gln	Arg	Leu	Gly	His	Asn	Leu	
					185				190					195	
Phe	Gly	Ile	Tyr	Gln	Lys	Tyr	Pro	Val	Lys	Tyr	Arg	Ser	Gly	Lys	
					200				205					210	
Cys	Trp	Asn	Asp	Asn	Gly	Pro	Ala	Ile	Pro	Val	Val	Tyr	Asp	Phe	
					215				220					225	
Gly	Asp	Ala	Lys	Lys	Thr	Ala	Ser	Tyr	Tyr	Ser	Pro	Tyr	Gly	Gln	

230	235	240
Arg Glu Phe Val Ala Gly Phe Val Gln	Phe Arg Val Phe Asn Asn	
245	250	255
Glu Arg Ala Ala Asn Ala Leu Cys Ala	Gly Ile Lys Val Thr Gly	
260	265	270
Cys Asn Thr Glu His His Cys Ile Gly	Gly Gly Gly Phe Phe Pro	
275	280	285
Gln Gly Lys Pro Arg Gln Cys Gly Asp	Phe Ser Ala Phe Asp Trp	
290	295	300
Asp Gly Tyr Gly Thr His Val Lys Ser	Ser Cys Ser Arg Glu Ile	
305	310	315
Thr Glu Ala Ala Val Leu Leu Phe Tyr	Arg	
320	325	

<210> 2  
<211> 1142  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2921920CB1

<400> 2  
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ccatgctgag gacaatgacc agactctgct tcctgttatt cttctctgtg gccaccagtg 120  
ggtgcagtgc agcagcagcc tcttcttctg agatgctctc gagggaaatc gaaacctgtg 180  
ccttctcctt ttcttccctg cctagaagct gcaaagaaat caaggaacgc tgccatagtg 240  
caggtgatgg cctgtatTTT ctccgcacca agaatgggtgt tgccttacac accttctgtg 300  
aatgaatc tgggggtgge ggctggaccc tggtgccag cgtgcacgag aatgacatgc 360  
atgggaagtg caccgggggt gatcgctgggt ccagtgcacca gggcaacaaa gcagactacc 420  
cagaggggga tggcaactgg gccaactaca acaccttgg atctgcagag gcccacgac 480  
gcgtgacta caagaaccct ggctactacg acatccaggc caaggacctg ggcatctggc 540  
atgtccccaa caagtcccccc atgcacgatt ggagaaacag cgcctctgtg aggtaccgca 600  
ccaaacactgg cttcctccag agactggac ataatctgtt tggcatctac cagaatatacc 660  
cagtggaaata cagatcaggg aaatgttggaa atgacaatgg cccagccata cctgtggct 720  
atgactttgg tgatgctaag aagactgcat cttattactc accgtatggt ca cgggaat 780  
ttgttgcagg attcggttcag ttccgggtgt ttaataacga gagagcagcc aaccccttt 840  
gtgctggat aaaagttaact ggctgtaaaca ctgagcatca ctgcacatcggt ggaggagggt 900  
tcttccaca gggcaaaccc cgtcagtgtg gggacttctc cgccttgcac tggatggat 960  
atgaaactca cgttaagagc agctgcagtc gggagataac ggaggcggct gtactcttgc 1020  
tctatagatg agacagagct ctgcgggtgtc agggcgagaa cccatctcc aacccggct 1080  
atttggagac ggaaaaactg gaattctaac aaggaggaga ggagactaaa tcacatcaat 1140  
tc  
1142

<210> 3  
<211> 276  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 2921920H1

<400> 3  
ggagctccga gtgtccacag gaaggaaact atcagctcct ggcatctgta aggatgctgt 60

ccatgctgag gacaatgacc agactctgct tcctgttatt cttctctgtg gccaccagtg 120  
 ggtgcagtgc agcagcagcc tcttctctt agatgctctc gagggaaattc gaaacctgtg 180  
 cttctccctt ttcttccctg cctagaagct gcaaagaaat caaggaacgc tgccatagtg 240  
 caggtgatgg cctgtatccc ctccgacca agaatg 276

<210> 4  
 <211> 497  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No: 2921920F6

<220>  
 <221> unsure  
 <222> 266, 370, 398, 419, 428-430, 471-472  
 <223> a, t, c, g, or other

<400> 4  
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 ccatgctgag gacaatgacc agactctgct tcctgttatt cttctctgtg gccaccagtg 120  
 ggtgcagtgc agcagcagcc tcttctctt agatgctctc gagggaaattc gaaacctgtg 180  
 cttctccctt ttcttccctg cctagaagct gcaaagaaat caaggaacgc tgccatagtg 240  
 caggtgatgg cctgtatccc ctccgacca agaatgggtg tgtctaccag accttctgtg 300  
 acatgacttc tgggggtggc ggctggaccc tggggccag cgtgcacgag aatgacatgc 360  
 atgggaagtn cacgggtgggt gatcgctggc ccagtcaaaa gggcaacaaa gagactanc 420  
 cagagggnnn atggcaactg ggccaactac aacacctttg gatctgcaga nngcggccac 480  
 gaacatgac tacaaga 497

<210> 5  
 <211> 606  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No: 2921920T6

<220>  
 <221> unsure  
 <222> 232, 567, 573  
 <223> a, t, c, g, or other

<400> 5  
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 gacaccgcag agctctgtct catctataga acaagagtac agccgcctcc gttatctccc 120  
 gactgcagct gctttaacg tgagttccat atccatccca gtcaaaggcg gagaagtccc 180  
 cacactgacg gggtttgcct tggggaaaga accctccccc accgatgcag tnatgctcag 240  
 ttttacagcc agtaactttt atcccagcac aaaggcggtt ggctgctctc tcgttattaa 300  
 acacccggaa ctgaacgaat cctgcaacaa atccccgtt accatacggt gagtaataag 360  
 atgcagtctt cttagcatca ccaaagtcat agaccacagg tatggctggg ccattgtcat 420  
 tccaacattt ccctgatctg tatttcactg ggtatctctg gtagatgcct aacagattat 480  
 gtcccaactt ctggaggaag ccagtgttgg tgcggtaacct cagcagggcg ctgtttctcc 540  
 aatgctgcat gggggacttg ttggggatca tttcagatgc ccaggccctt ggcctggatg 600  
 tcgttag 606

PC-0027 US

<210> 6  
<211> 360  
<212> DNA  
<213> *Rattus norvegicus*

<220>  
<221> misc\_feature  
<223> Incyte ID No: 700589815H1

<400> 6  
aggttcctgt cattagccgg ccagcaactc tcagtcctg ccagacgacc atgaccac 60  
tcggcttct gctgttctc atcgttgcca ccagaggggg cagtgcggct aaagaggacc 120  
tggaaaccaa caaagggacc cattcttct ttgactctt gtccagaagc tgcaaggaaa 180  
tcaaggagga gaacacaggg gctcaagatg gcctctattt cctgcgcacg gagaatggtg 240  
tcatctacca gacttctgt gacatgacca ctgcaggtgg tggctggacc ctggtggcta 300  
gcgtgcata gaacaacatg ggtggaaagt gcacagtggg cgatcgctgg tccagtcagc 360

<210> 7  
<211> 748  
<212> DNA  
<213> *Rattus norvegicus*  
<220>  
<221> misc\_feature  
<223> Incyte ID No: 207717\_Rn.2

<400> 7  
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ggccaactac aacacacccgg ggtctgcaga ggggccaca agtggatgac tacaagagcc 120  
ctggctactt cgaacatcca ggctgagaac ctggcatct ggcacgtgcc cttactacag 180  
ccccctgcac aactggagga acagtcctt gctgcggta cgcacattca ctggcttcct 240  
gcagcatctg ggcataatc tttttggcctt ctaccagaag tatcccggtg aaatatggag 300  
taggaaagtg ttggactgac aatggccgg cgttacctgt ggtctatgac tatgggtggat 360  
gctcagaaga ctgcctctta ttattccca tacggccaga gggaaattcac tgcaggattt 420  
gttcagttca gagtgtataa taatgagaga gcccggcgtg ccttgtgtgc tggcgtgagg 480  
gtcactggat gcaattctga agctcactgc atcggtgag gaggattctt tccagaaggt 540  
aaccccaggc agtgtggaga cttcggggcg tttgatttga acggatacgg aactcacact 600  
gggtacagca gtagccgggc gataactgaa gcagccgtgc ttctgttcta tcgctgagaa 660  
ctctgtgggg tggaccaga cttctccaat ctgcaggctc ccaaggcatg gagaaaaaaat 720  
gacctagtaa ctaagatggt aatgagaca 748

<210> 8  
<211> 313  
<212> PRT  
<213> *Homo sapiens*

<220>  
<221> misc\_feature  
<223> Genbank ID No: g8096221

<400> 8  
Met Asn Gln Leu Ser Phe Leu Leu Phe Leu Ile Ala Thr Thr Arg  
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Gly Trp Ser Thr Asp Glu Ala Asn Thr Tyr Phe Lys Glu Trp Thr  
20 25 30  
Cys Ser Ser Ser Pro Ser Leu Pro Arg Ser Cys Lys Glu Ile Lys  
35 40 45

Asp Glu Cys Pro Ser Ala Phe Asp Gly Leu Tyr Phe Leu Arg Thr  
 50 55 60  
 Glu Asn Gly Val Ile Tyr Gln Thr Phe Cys Asp Met Thr Ser Gly  
 65 70 75  
 Gly Gly Gly Trp Thr Leu Val Ala Ser Val His Glu Asn Asp Met  
 80 85 90  
 Arg Gly Lys Cys Thr Val Gly Asp Arg Trp Ser Ser Gln Gln Gly  
 95 100 105  
 Ser Lys Ala Asp Tyr Pro Glu Gly Asp Gly Asn Trp Ala Asn Tyr  
 110 115 120  
 Asn Thr Phe Gly Ser Ala Glu Ala Ala Thr Ser Asp Asp Tyr Lys  
 125 130 135  
 Asn Pro Gly Tyr Tyr Asp Ile Gln Ala Lys Asp Leu Gly Ile Trp  
 140 145 150  
 His Val Pro Asn Lys Ser Pro Met Gln His Trp Arg Asn Ser Ser  
 155 160 165  
 Leu Leu Arg Tyr Arg Thr Asp Thr Gly Phe Leu Gln Thr Leu Gly  
 170 175 180  
 His Asn Leu Phe Gly Ile Tyr Gln Lys Tyr Pro Val Lys Tyr Gly  
 185 190 195  
 Glu Gly Lys Cys Trp Thr Asp Asn Gly Pro Val Ile Pro Val Val  
 200 205 210  
 Tyr Asp Phe Gly Asp Ala Gln Lys Thr Ala Ser Tyr Tyr Ser Pro  
 215 220 225  
 Tyr Gly Gln Arg Glu Phe Thr Ala Gly Phe Val Gln Phe Arg Val  
 230 235 240  
 Phe Asn Asn Glu Arg Ala Ala Asn Ala Leu Cys Ala Gly Met Arg  
 245 250 255  
 Val Thr Gly Cys Asn Thr Glu His His Cys Ile Gly Gly Gly  
 260 265 270  
 Tyr Phe Pro Glu Ala Ser Pro Gln Gln Cys Gly Asp Phe Ser Gly  
 275 280 285  
 Phe Asp Trp Ser Gly Tyr Gly Thr His Val Gly Tyr Ser Ser Ser  
 290 295 300  
 Arg Glu Ile Thr Glu Ala Ala Val Leu Leu Phe Tyr Arg  
 305 310

<210> 9  
 <211> 313  
 <212> PRT  
 <213> Mus musculus  
 <220>  
 <221> misc\_feature  
 <223> Genbank ID No: g3357909

<400> 9  
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 Gly Cys Ser Ala Ala Glu Glu Asn Leu Asp Thr Asn Arg Trp Gly  
 20 25 30  
 Asn Ser Phe Phe Ser Ser Leu Pro Arg Ser Cys Lys Glu Ile Lys  
 35 40 45  
 Gln Glu His Thr Lys Ala Gln Asp Gly Leu Tyr Phe Leu Arg Thr  
 50 55 60  
 Lys Asn Gly Val Ile Tyr Gln Thr Phe Cys Asp Met Thr Thr Ala  
 65 70 75

Gly Gly Gly Trp Thr Leu Val Ala Ser Val His Glu Asn Asn Met  
80 85 90  
Arg Gly Lys Cys Thr Val Gly Asp Arg Trp Ser Ser Gln Gln Gly  
95 100 105  
Asn Arg Ala Asp Tyr Pro Glu Gly Asp Gly Asn Trp Ala Asn Tyr  
110 115 120  
Asn Thr Phe Gly Ser Ala Glu Ala Ala Thr Ser Asp Asp Tyr Lys  
125 130 135  
Asn Pro Gly Tyr Phe Asp Ile Gln Ala Glu Asn Leu Gly Ile Trp  
140 145 150  
His Val Pro Asn Lys Ser Pro Leu His Asn Trp Arg Lys Ser Ser  
155 160 165  
Leu Leu Arg Tyr Arg Thr Phe Thr Gly Phe Leu Gln His Leu Gly  
170 175 180  
His Asn Leu Phe Gly Leu Tyr Lys Lys Tyr Pro Val Lys Tyr Gly  
185 190 195  
Glu Gly Lys Cys Trp Thr Asp Asn Gly Pro Ala Leu Pro Val Val  
200 205 210  
Tyr Asp Phe Gly Asp Ala Arg Lys Thr Ala Ser Tyr Tyr Ser Pro  
215 220 225  
Ser Gly Gln Arg Glu Phe Thr Ala Gly Tyr Val Gln Phe Arg Val  
230 235 240  
Phe Asn Asn Glu Arg Ala Ala Ser Ala Leu Cys Ala Gly Val Arg  
245 250 255  
Val Thr Gly Cys Asn Thr Glu His His Cys Ile Gly Gly Gly  
260 265 270  
Phe Phe Pro Glu Gly Asn Pro Val Gln Cys Gly Asp Phe Ala Ser  
275 280 285  
Phe Asp Trp Asp Gly Tyr Gly Thr His Asn Gly Tyr Ser Ser Ser  
290 295 300  
Arg Lys Ile Thr Glu Ala Ala Val Leu Leu Phe Tyr Arg  
305 310